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NOTICE OF ALLOWANCE AND FEE(S) DUE

036872

7590

11/18/2005

THE LAW OFFICES OF ANDREW D. FORTNEY, PH.D., P.C. 7257 N. MAPLE AVENUE BLDG. D, SUITE 107 FRESNO, CA 93720

EXAMINER

PAPER NUMBER

VU, DAVID

ART UNIT

DATE MAILED: 11/18/2005

APPLICATION NO.		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/728.699	12/05/2003	Young-Hun Seo	OPP 031052 US	9947

TITLE OF INVENTION: TRENCH IN SEMICONDUCTOR DEVICE AND FORMATION METHOD THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/21/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

and PURI ICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate All further cor	respondence including the Poelow or directed otherwise:	atent advance ord	ers and notific	cation of maintenance fees v	will be mailed to the current; and/or (b) indicating a sepa	correspondence address as			
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of Fee(s) Transmittal. The papers. Each addition	mailing can only be used for his certificate cannot be used a lal paper, such as an assignment of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must			
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THE LAW OFFI P.C. 7257 N. MAPLE A BLDG. D, SUITE). FORTNEY	, PH.D.,	Ce I hereby certify that the States Postal Service addressed to the Matransmitted to the USF	Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimilar transmitted to the USPTO (571) 273-2885, on the date indicated below.				
FRESNO, CA 93720									
						(Signature)			
						(Date)			
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EXAM	INER	ART UNIT		CLASS-SUBCLASS	ן				
VU, DAVID		2818	438-430000		•				
"Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. 3. ASSIGNEE NAME AND	lence address (or Change of C 22) attached. ion (or "Fee Address" Indica or more recent) attached. Use RESIDENCE DATA TO BI an assignee is identified be	of a Customer E PRINTED ON TH	or agents OI (2) the name registered at 2 registered listed, no na HE PATENT (ata, will, appear	er on the patent. If an assign	a member a 2	locument has been filed for			
(A) NAME OF ASSIGN		(B)	RESIDENCE	: (CITY and STATE OR CO	,				
					Corporation or other private gr	oup entity Government			
4a. The following fee(s) are Issue Fee	enclosed:	_	Payment of Fe	the amount of the fee(s) is enclosed.					
			Payment by credit card. Form PTO-2038 is attached.						
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).						
5. Change in Entity Status	(from status indicated above))							
	MALL ENTITY status. See 3				LL ENTITY status. See 37 C				
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	e Fee and Publication ill not be accepted and Trademark C	on Fee (if any) from anyone (Office.) or to re-apply any previous other than the applicant; a reg	ly paid issue fee to the application of the strong strength of the strong of the stron	ation identified above. he assignee or other party in			
Authorized Signature				Date		· ·			
Typed or printed name			Registration No.						
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PTOL-85 (Rev. 07/05) Approved for use through 04/30/2007.



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BLDG. D, SUITE 107 FRESNO, CA 93720			2818	
			DATE MAILED: 11/18/2005	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.